

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center

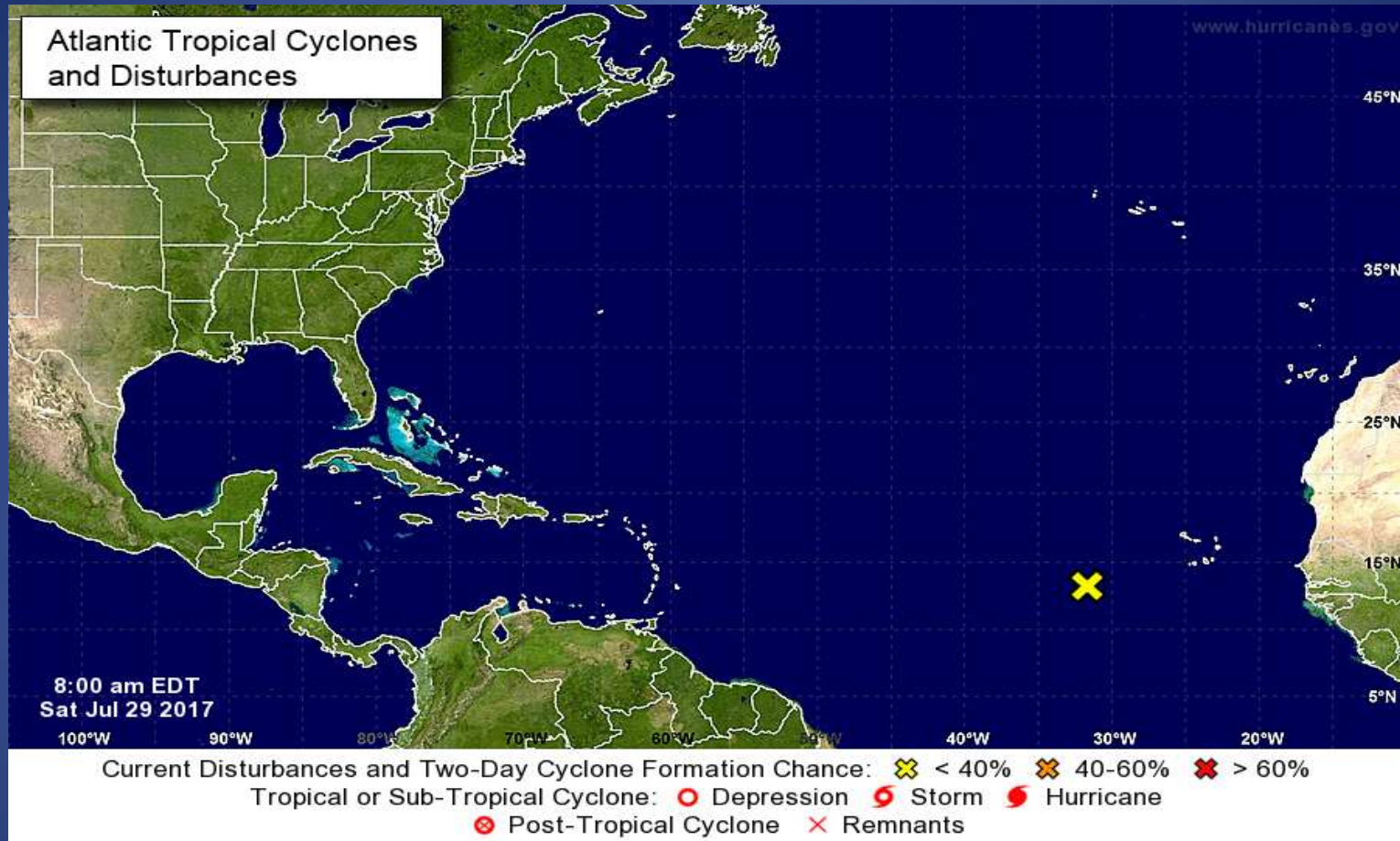


### Situation Awareness Brief



Saturday, July 29<sup>th</sup> 2017  
As of 0900 CST

# Tropical Weather Awareness



Tropical Weather Outlook NWS National Hurricane Center Miami FL 500 AM PDT Sat Jul 29 2017 For the eastern North Pacific...east of 140 degrees west longitude: The National Hurricane Center is issuing advisories on Tropical Storm Hilary, located several hundred miles west of the southern tip of the Baja California peninsula, and on Tropical Storm Irwin, located about 1000 miles west-southwest of the southern tip of the Baja California peninsula. An area of low pressure is expected to form by the middle of next week several hundred miles south of the southern coast of Mexico. Conditions appear favorable for some development of this system while it moves westward to west-northwestward at around 15 mph. \* Formation chance through 48 hours...low...near 0 percent. \* Formation chance through 5 days...low...30 percent.

# Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
07/28/17	AMBER Alert Request from the Aransas County Sheriff's Office	Aransas County	Y
07/28/17	Initial Report of a Helicopter Crash	Beaumont/Jefferson	N
07/28/17	Initial Report of the Bitter Creek Fire	Nolan County	N
07/28/17	Missing Endangered Persons Request from the Marshall Police Department	Marshall/Harrison	Y
07/28/17	Update Report #1 of the Bitter Creek Fire	Nolan County	N
07/28/17	Update #2 Report to the Bitter Creek Fire	Nolan County	N
07/28/17	Final Report of a Tire Fire	Dallas/Dallas	Y
07/28/17	Silver Alert Activation for the Harris County Sheriff's Office	Harris County	N
07/29/17	Silver Alert Discontinuation for the Harris County Sheriff's Office	Harris County	Y

# Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
07/29/17	Updated Report #3 to the Bitter Creek Fire	Nolan County	N
07/29/17	Final Report of a Boil Water Notice	Galveston County	Y

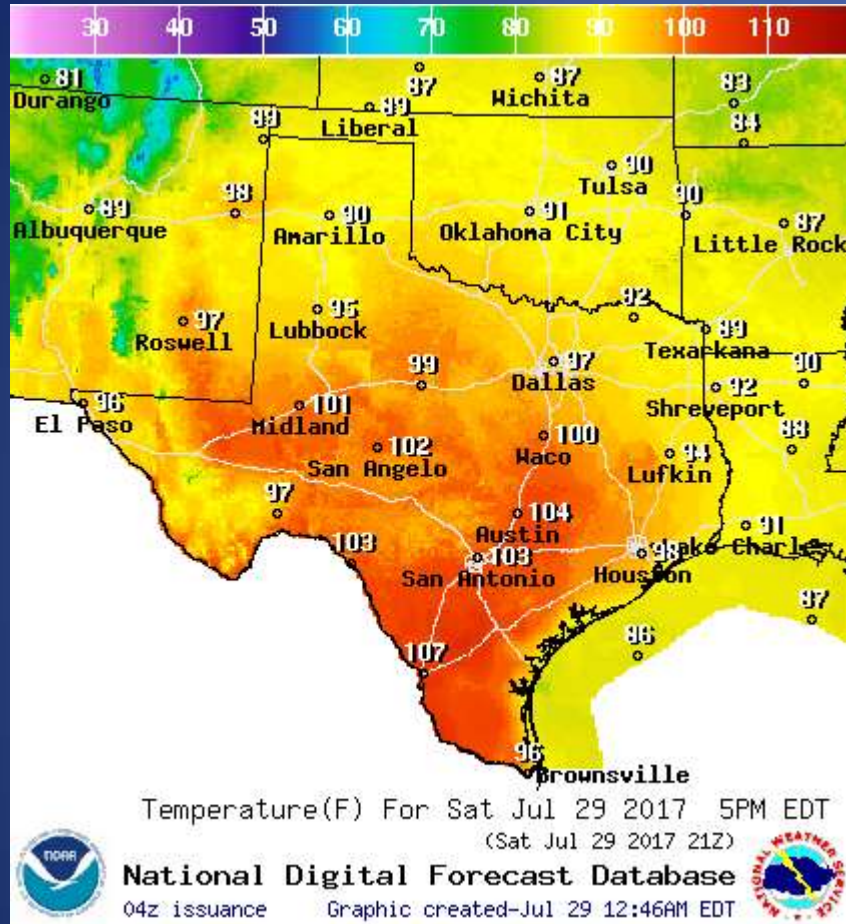
# Informational Products

## Distributed by the State Operations Center

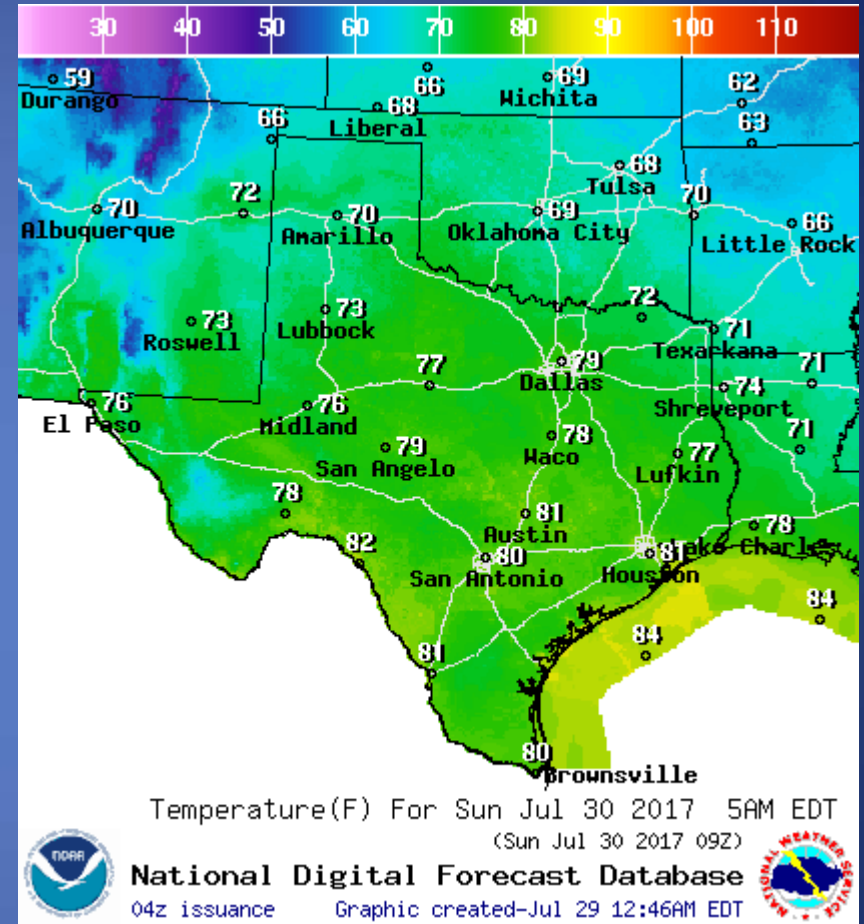
DATE	SUBJECT
07/28/17	FEMA REGION 6 RRCC DAILY SITUATIONAL AWARENESS REPORT
07/28/17	NWS Houston/Galveston Update: Strong Thunderstorms Possible Saturday Evening into Sunday
07/29/17	NWS Houston/Galveston: Saturday: Hazardous Weather Outlook
07/29/17	Daily NWS Threat Brief for Saturday, July 29, 2017 for FEMA Region 6



# Weather Forecast

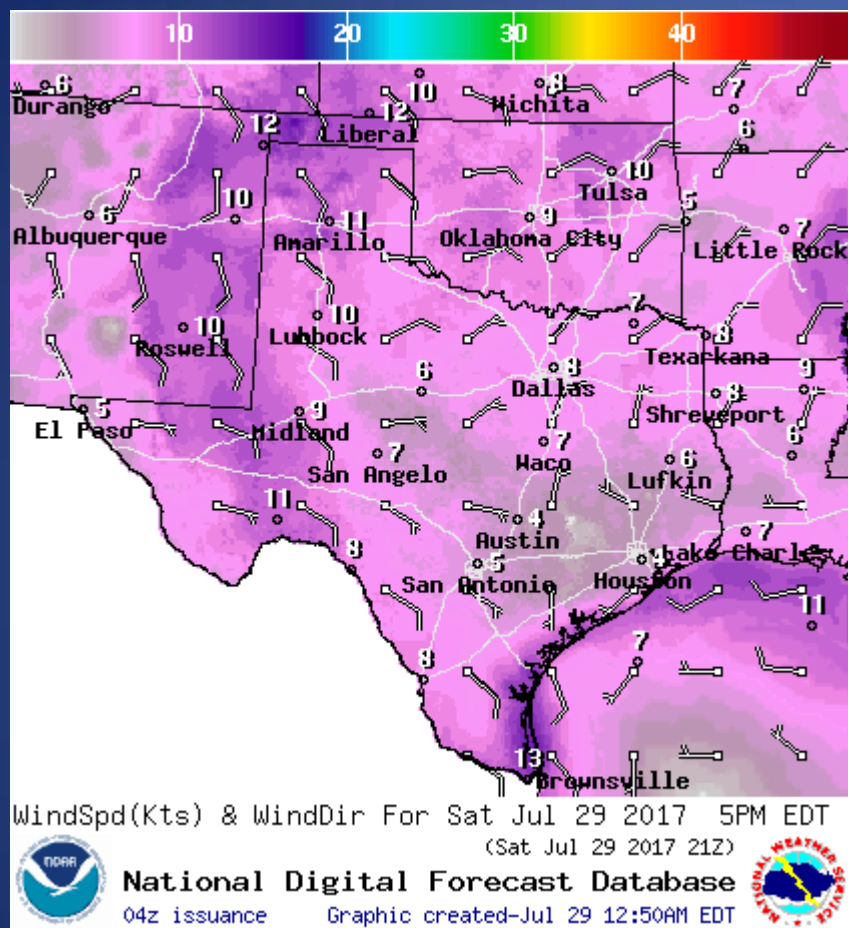


## Highs

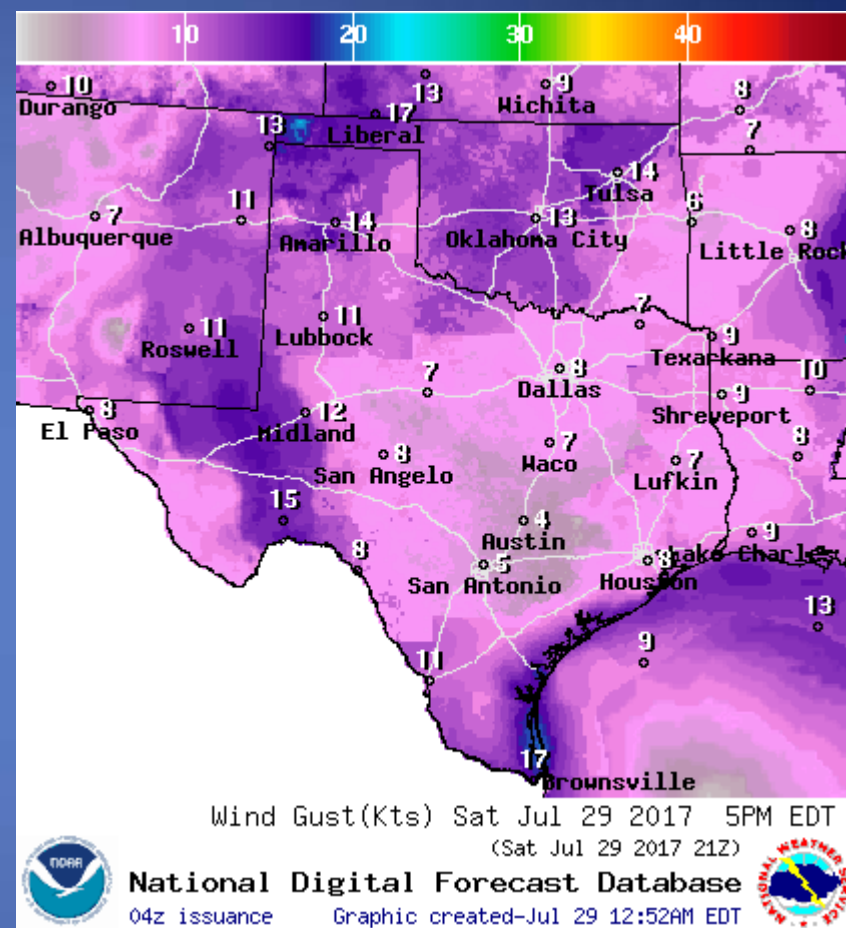


## Lows

# Weather Forecast

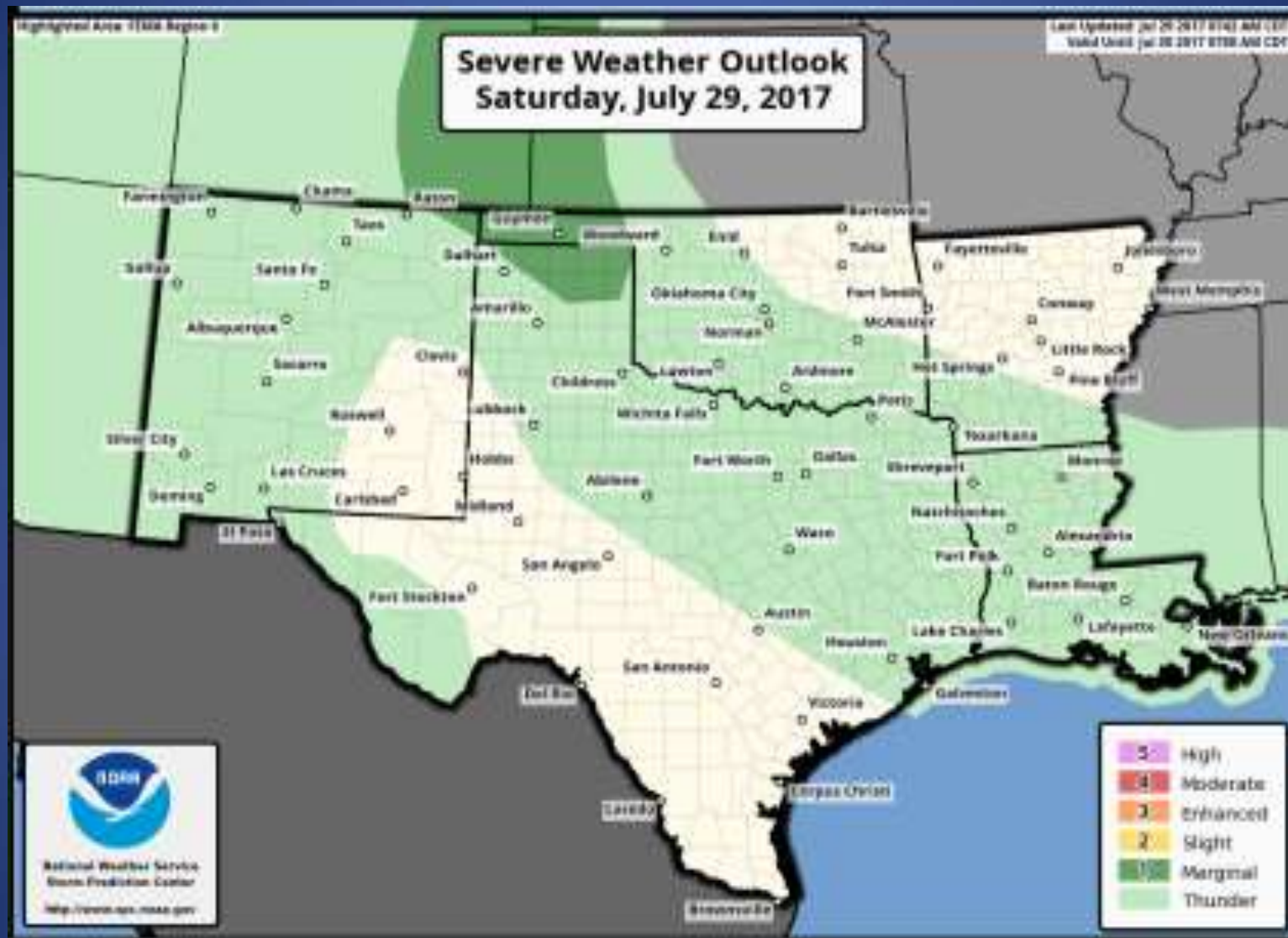


## Wind Speeds



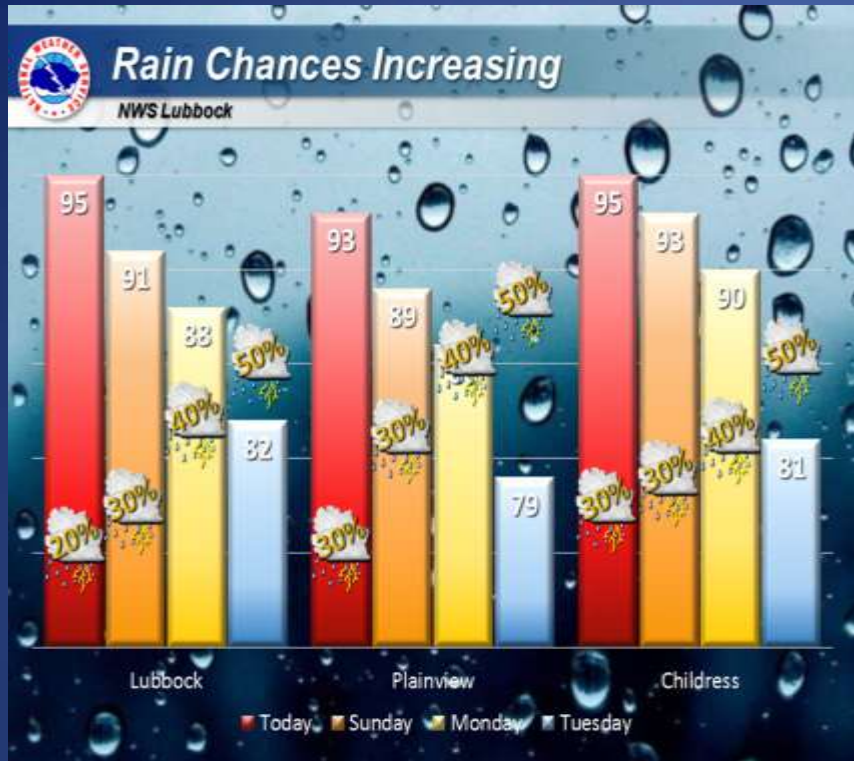
## Gusts

# Hazardous Weather





# Hazardous Weather



Temperatures will be on a slow decrease while rain chances will be on a slow increase over the next several days. Some storms have the potential to produce locally heavy rainfall.



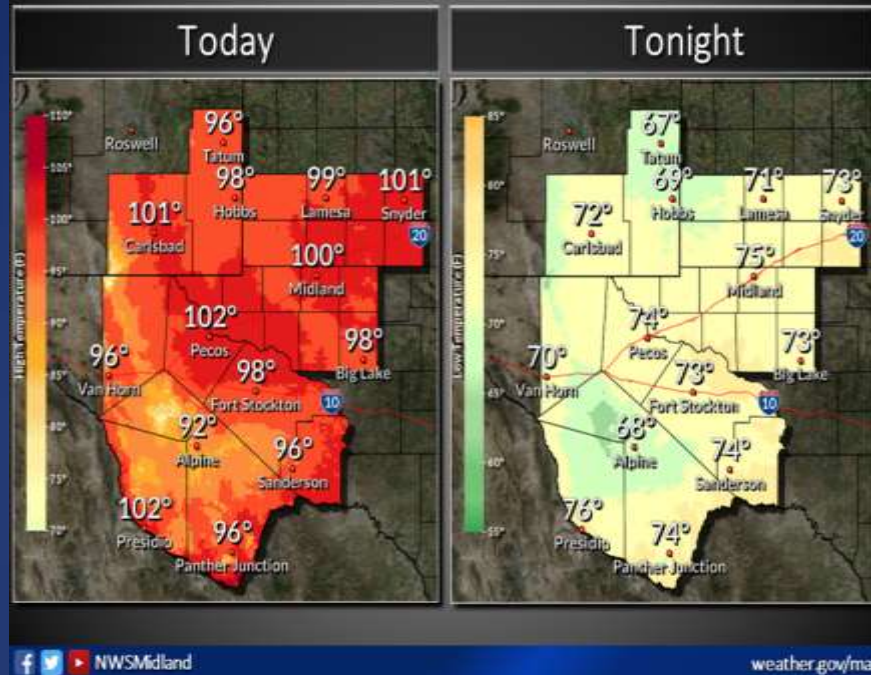
A little bit of drying as upper-level continental air replaces some of the deep monsoonal air over the Borderland. This should mean a reduction in the number of, and coverage, of showers and thunderstorms across the region on Saturday. This doesn't mean no chances for rain at any location, just a lesser chance of it. With a bit more sun and somewhat drier air, temperatures will be warm.

# Hazardous Weather

## The Heat Continues...

Though cooler temperatures on Monday.

Weather Forecast Office  
Midland/Odessa, TX  
Issued July 29, 2017 5:47 AM CT

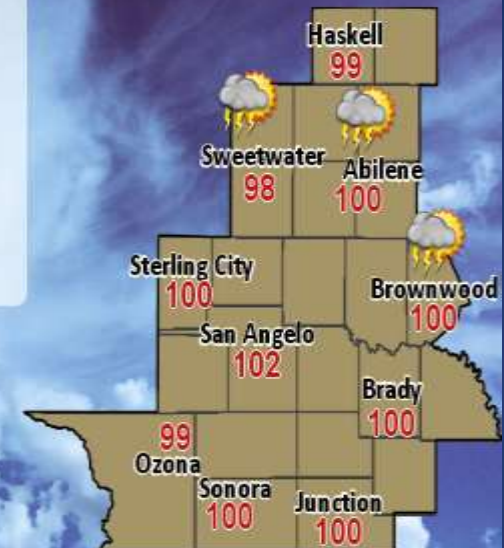


It will be another hot one today with highs in the upper 90s and low 100s.

## Hot-A Few Storms Across the Big Country

Isolated to widely scattered showers and thunderstorms will be possible north of a Sweetwater to Brownwood line late this afternoon and evening.

Main Hazards: Gusty winds, lightning and brief heavy downpours.

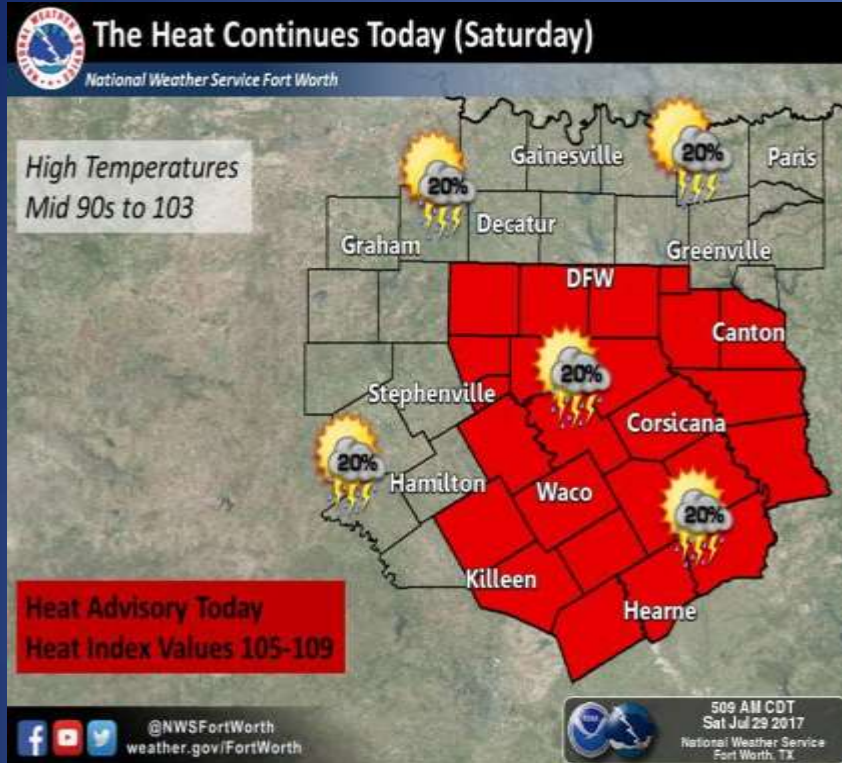


National Weather Service San Angelo, TX Updated: Jul 29 6:42AM

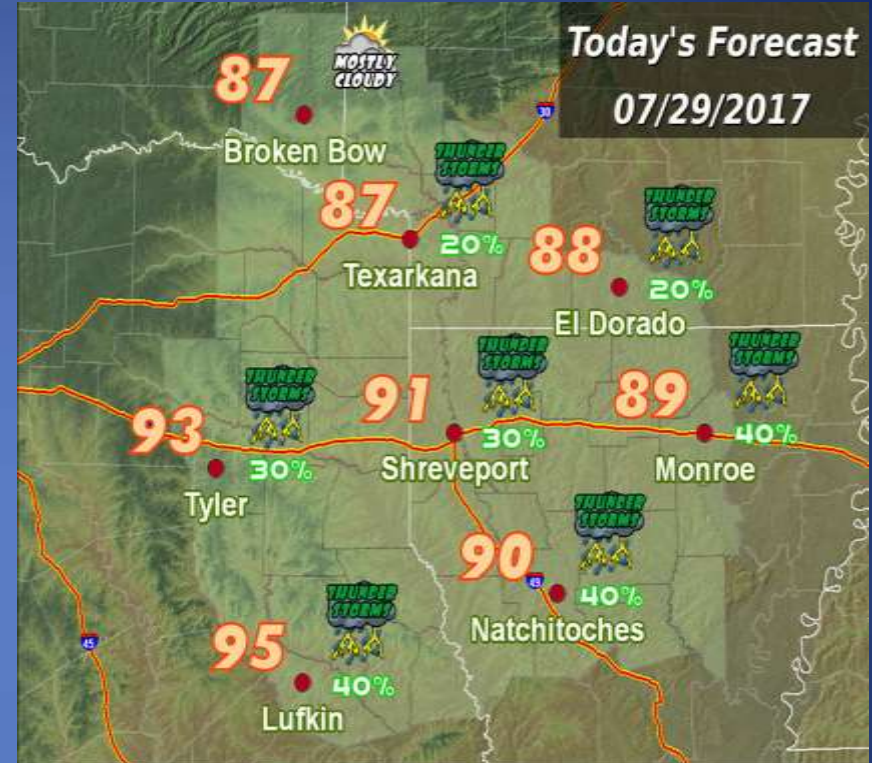
Hot temperatures again today, with a few showers and storms possible across northern sections.



# Hazardous Weather



Another hot day is expected with high temperatures ranging from the middle 90s to around 103. A Heat Advisory in effect today east and south of a line from Killeen to Weatherford to Canton. Afternoon heat index values in the Heat Advisory area will range between 105 and 109 degrees. There will also be a slight chance of showers and thunderstorms region wide today.

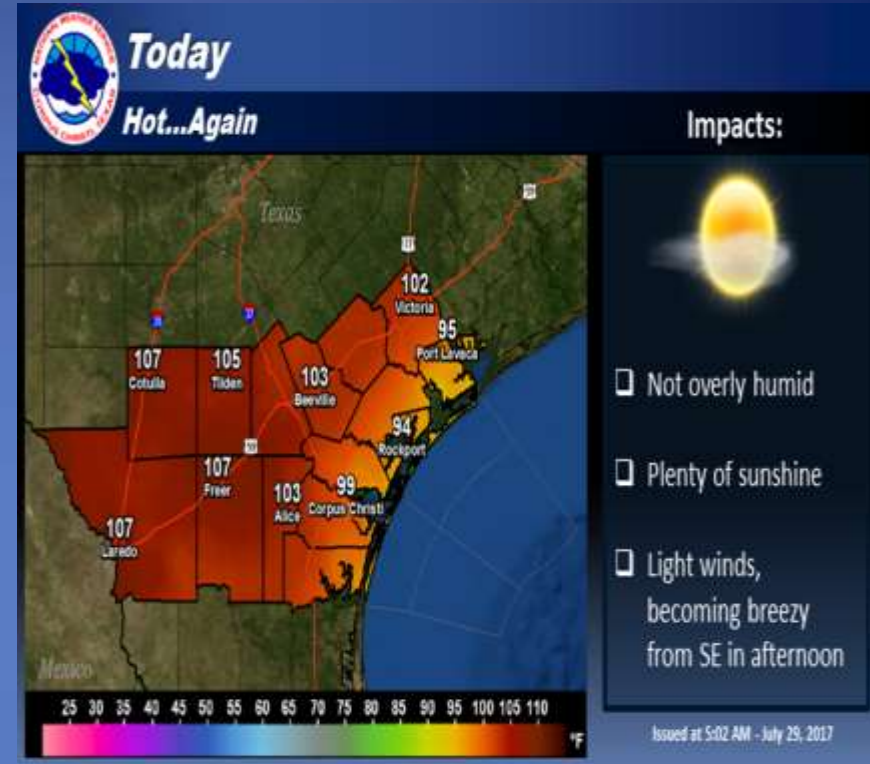


Scattered showers and thunderstorm will slowly shift southward across the four state area today. Afternoon temperatures and heat index values will both lower across northern portions of the area.

# Hazardous Weather



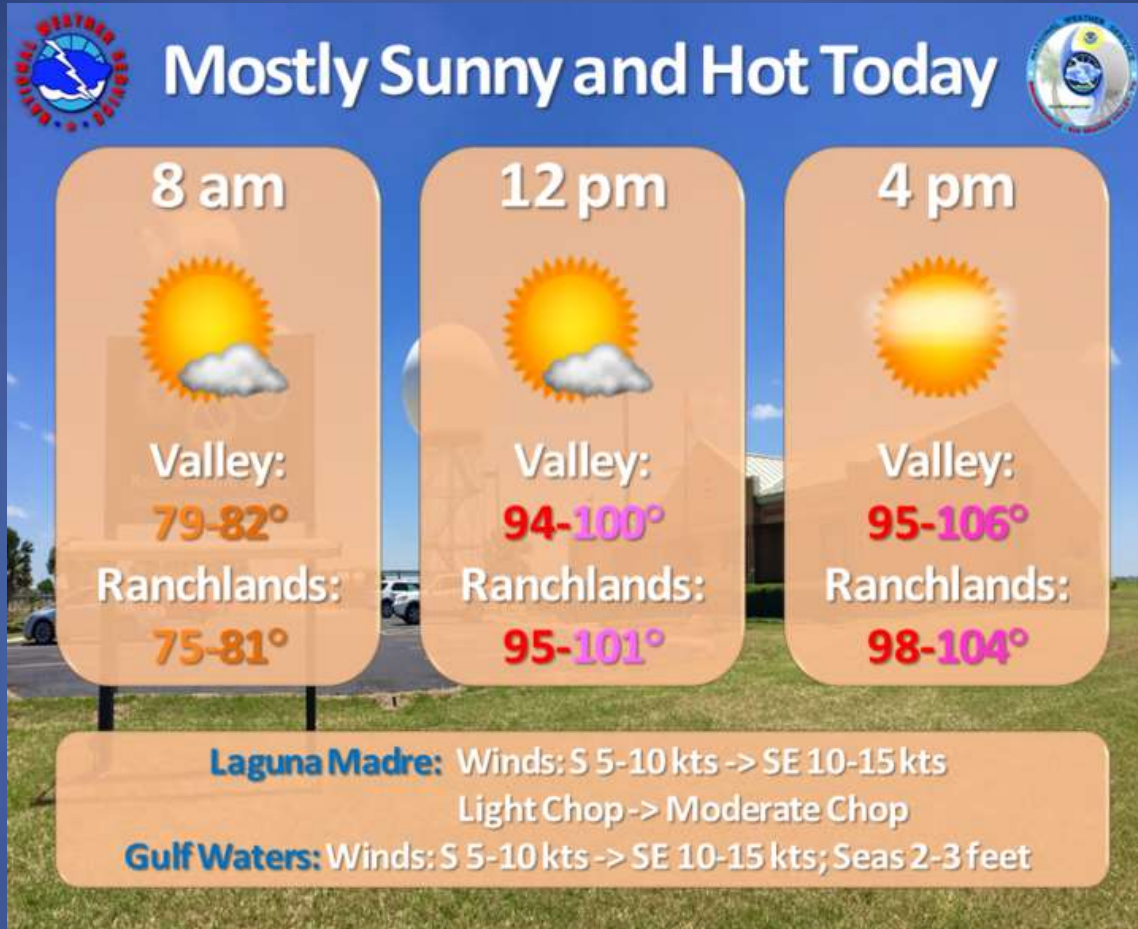
Today may be the hottest day of the year so far as highs are expected to reach well into the triple digits across much of South Central Texas. A heat advisory has been issued this afternoon until 8 PM this evening too. Stay cool out there!



Continued hot today, but not overly humid. Afternoon highs will be 100+ for most inland areas, with 90s closer to the coast. Afternoon heat indices will average from 105 to 109 degrees. Light winds this morning will become breezy from the southeast this afternoon and evening as the sea breeze pushes inland.



# Hazardous Weather



Plenty of sunshine will be expected today across deep south Texas with temperatures rising in excess of the century mark for areas located west of US highway 77. Heat indices or feels like temperatures will once again reach into the range of 103-108 degrees this afternoon. For the mariners, expect south to southeasterly winds with the bay increasing to a moderate chop in the afternoon and seas of 2 to 3 feet across the coastal gulf waters.

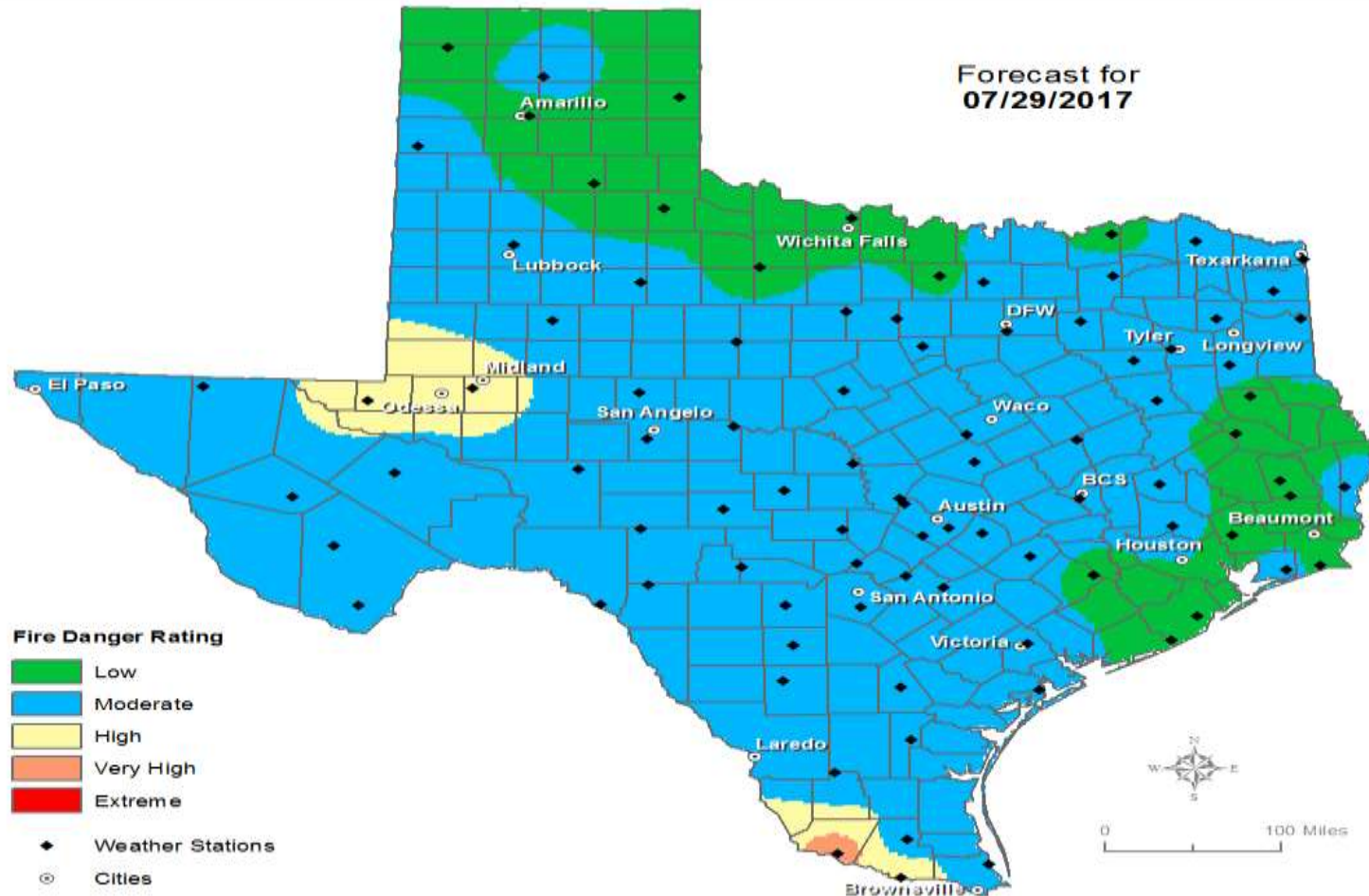
# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
07/28/17	Urban and Small Stream Flood Advisory	El Paso County

# Fire Danger Forecast

## Forecast Fire Danger

Forecast for  
07/29/2017



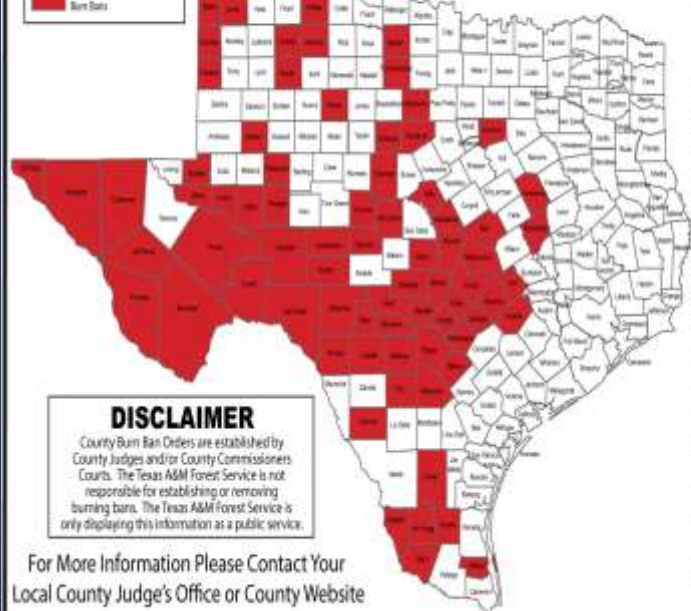
# Burn Bans and KBDI INDEX

## OUTDOOR BURN BANS

July 28, 2017



Email updates to:  
burnban@tfs.tamu.edu



### DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your  
Local County Judge's Office or County Website

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)  
Burn Ban RSS feed available at <http://tfsr.tamu.edu/wildfires/BurnBan.xml>

### Counties with Burn Bans: 83

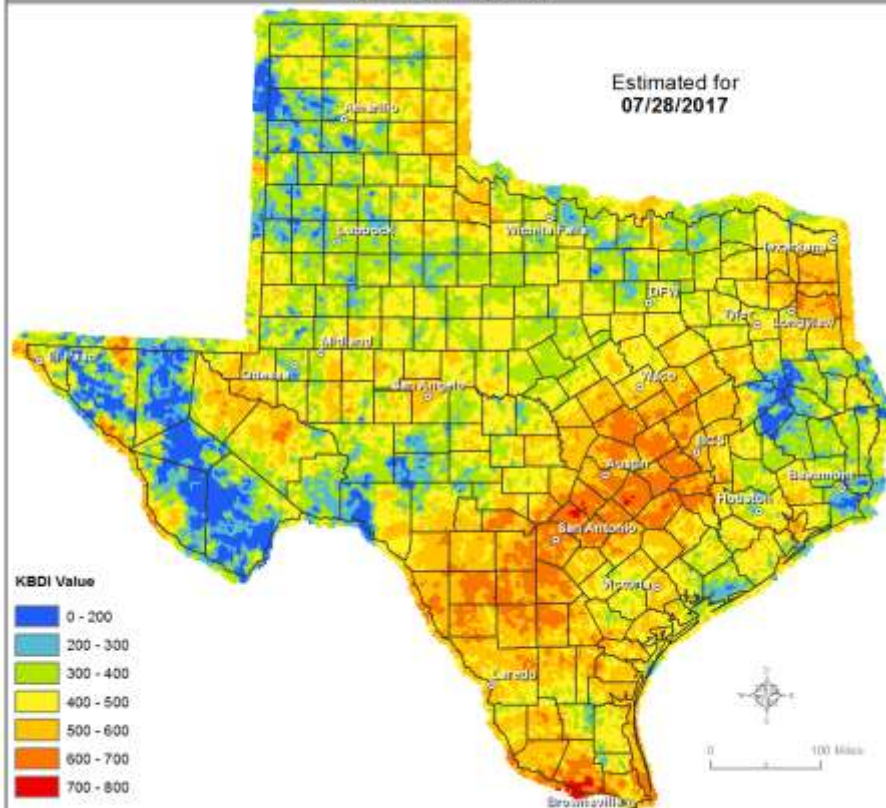
Armstrong  
Atascosa  
Bailey  
Bandera  
Bastrop  
Baylor\*  
Bell  
Brewer  
Blanco  
Brewster  
Brooks  
Burnett  
Caldwell  
Callahan  
Carrizo  
Castro  
Childress  
Cochran  
Coleman  
Comal  
Concho  
Crane  
Crocket  
Crosby  
Culberson  
Dickens  
Dimmit  
Dyall  
Eastland  
Edwards  
El Paso  
Fayette  
Fisher  
Frio  
Garza  
Gillespie  
Glenwood  
Guadalupe  
Hays  
Hudspeth  
Hutchinson  
Jeff Davis  
Jim Hogg  
Johnson\*  
Kendall  
Kent\*  
Kinney  
Lamb  
Lampasas  
Lee

\* Burn Ban is not established by County Judge  
\* Burn Ban is not established by County Judge

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
07/28/2017



### KBDI Value

0 - 200  
200 - 300  
300 - 400  
400 - 500  
500 - 600  
600 - 700  
700 - 800

TEXAS A&M  
AGRI LIFE  
RESEARCH

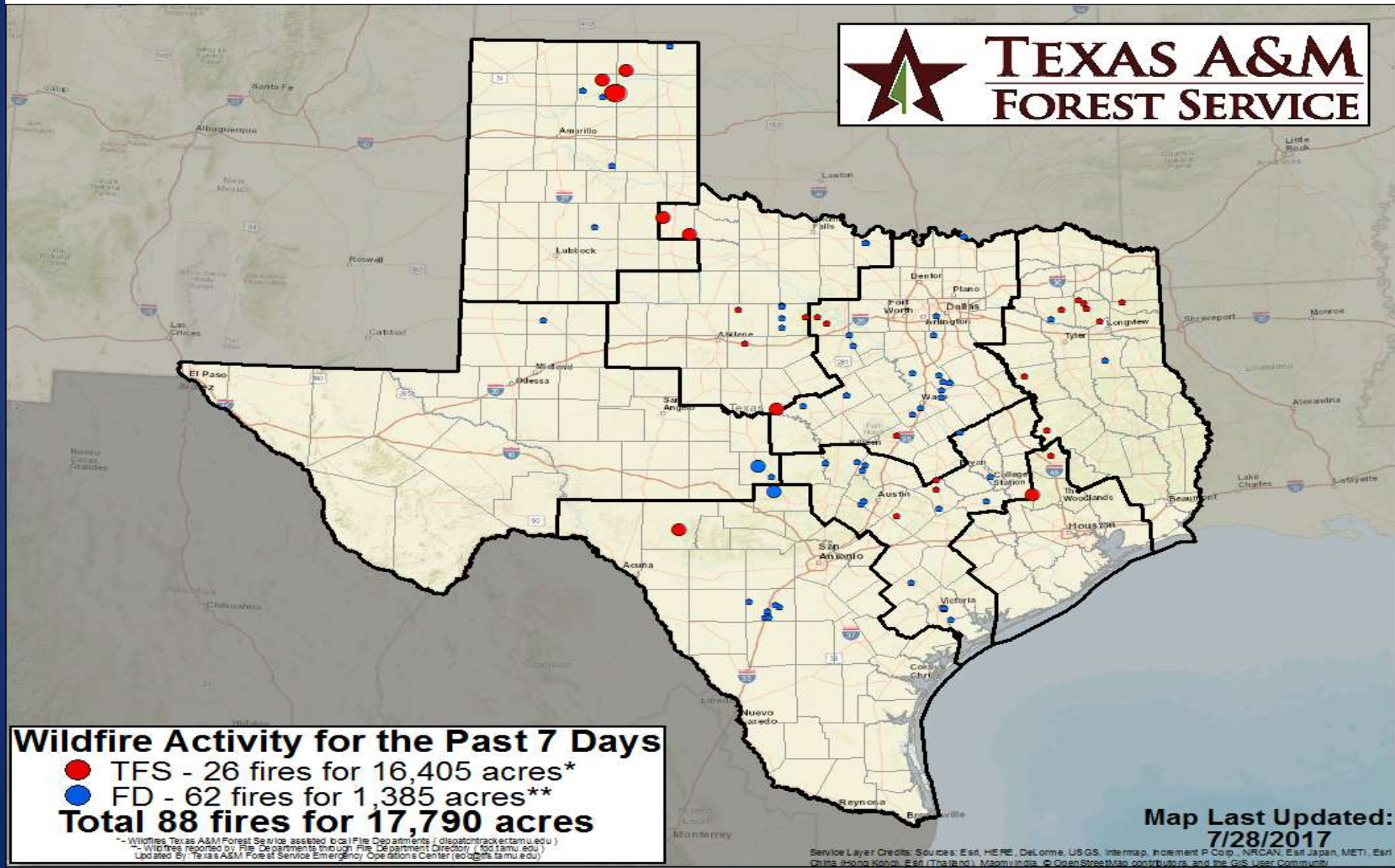
Produced by TAMU Spatial Sciences Laboratory  
in partnership with Texas A&M Forest Service

TEXAS A&M  
FOREST SERVICE



# Fire Activity (\*Last 24 Hours)

Reports 544 (+8) fires and 651,525 (+140) acres destroyed this year. There are 83 (+1) counties with burn bans. The Keetch-Byram Drought Index list 167 (+8) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
07/29/17	07/30/17	Intermediate Incident Command System for Expanding Incidents	G-300	Thornton

## Statewide Significant Events

DATE(S)		LOCATION	EVENT
07/06/17	08/20/17	Arlington	Six Flags Over Texas
07/06/17	08/27/17	Galveston	Moody Gardens
07/06/17	08/20/17	Galveston	Schlitterbahn Galveston Island
07/06/17	08/20/17	Padre Island	Schlitterbahn Padre Island
07/06/17	08/20/17	Corpus Christi	Schlitterbahn Corpus Christi
07/06/17	08/27/17	New Braunfels	Schlitterbahn New Braunfels
07/06/17	08/27/17	San Antonio	Six Flags Fiesta Texas
07/06/17	08/27/17	San Antonio	Sea World
07/28/17	08/02/17	Arlington	Texas Rangers Baseball